

From: Short, Toby S
Sent: Tue, 22 Apr 2025 20:03:45 +0000
To: Hrkman, Lou (Louis)
Subject: [EXTERNAL] RE: GREET Model

Lou – thanks again for this. Any sense on when we'd get a look at the new model and how the dropdown categories would work. It's great to see the movement on this and providing an avenue for domestically produced natural gas to be a part of scaling a global hydrogen economy.

Thanks,
 Toby

From: Hrkman, Lou (Louis) <lou.hrkman@ee.doe.gov>
Sent: Monday, April 21, 2025 4:37 PM
To: Short, Toby S <(b) (6)>
Subject: RE: GREET Model

Toby,
 We are in the midst of putting out a press release and additional information. Please have your experts confirm the changes you asked for have been implemented, and you can use the model. I've asked several times but would love confirmation from industry. Below is what should have been implemented:

April 2025 Model and Supporting Documentation

Updates in April documentation include:

- Description of the manner in which users may account for bespoke information (i.e., foreground data) to represent specific aspects of their natural gas supply chain.

January 2025 Model and Supporting Documentation

Updates in January documentation include:

- Description of electricity inputs that can be simulated for high-temperature electrolysis.
- Description of the ability to represent steam co-product for facilities that use reformers with cryogenic carbon capture and sequestration (CCS).
- Description of the revised approach to account for impurities and mixed gases, in alignment with the 45V Final Regulations.
- Description of the grid regions represented in the model, based on the 45V Final Regulations.
- Description of methane feedstock (renewable natural gas (RNG) from manure, RNG from wastewater treatment plants, upgraded coal mine methane) added to the model.
- Description of the manner in which CCS rates must be determined for natural gas turbines used for power generation.
- Description of the manner in which sub-annual accounting may be conducted in 2030.

Thanks

LOU

Lou Hrkman

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From: Short, Toby S <(b) (6)>
Sent: Monday, April 21, 2025 9:20 AM
To: Hrkman, Lou (Louis) <lou.hrkman@ee.doe.gov>
Subject: [EXTERNAL] GREET Model

Lou – I hope this finds you well and that you had a relaxing weekend. Wondered if there are any updates to the publication on the new 45VGREET model. Y'all's staff have been great to work with on this and we're looking forward to seeing the end product.

Appreciate all y'all are doing and hope to talk soon,
Toby

Toby S. Short
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